

**2018 Cotton Research Verification / Sustainability
Weekly Update**

Update No. 9

July 28, 2018

General	There are 12 Cotton Research Verification / Sustainability Program fields in 2018. All fields within the Cotton Verification Program are looking good. Seven of the Verification fields have now reached Cutout. All other fields range from NAWF 5.15 to 6.27. All other fields are expected to reach cutout next week.						
County	Field Name (Tillage Practice/ Cover Crop)	Date Planted	Variety	% Square Shed	Estimated Date of First Flower	NAWF	General Information
Desha	East Weaver (Farmer Standard / No Cover)	4/30	DP 1646 B2XF	4.3	6/27	4.00	Last field visit was on 7/24. Field had good moisture at time of field visit. If a rain is not received in the next couple of days it will be time to trigger irrigation. During field visit an average of .50 plant bug nymphs were seen per check, along with some beneficial insects. Cotton had good color, squares are still shedding, and soil is also crusting in the furrows.
Desha	East Weaver (No-till / Cover)	4/30	DP 1646 B2XF	1.0	6/27	4.30	Last field visit was on 7/24. Field had good moisture at the time of field visit. If a rain is not received in the next couple of days it will be time to trigger irrigation. During field visit no harmful insects were seen, but some beneficial insects were noted. Cotton had good color, and squares are still shedding. Very minor crusting is present in this portion of the field.
Desha	Grain Bin (Farmer Standard / No Cover)	4/30	DP 1646 B2XF	14.2	6/25	3.27	Last field visit was on 7/24. Field had good moisture at time of field visit. If a rain is not received in the next couple of days it will be time to trigger irrigation. During field visit an average of .50 plant bug nymphs and .66 plant bugs were present per check, along with some beneficial insects. Cotton had good color, and squares are still shedding. At time of field visit soil had very minor crusting present.
Desha	Grain Bin (No-till / Cover)	4/30	DP 1646 B2XF	1.6	6/27	3.10	Last field visit was on 7/24. Field had fair moisture at time of field visit. If a rain is not received in the next couple of days it will be time to trigger irrigation. During field visit an average of .66 stink bugs were present per check, along with some beneficial insects. Cotton had good color and squares are still shedding. At time of field visit soil had very minor crusting present.
Desha	Shop (Farmer Standard / No Cover)	4/30	DP 1646 B2XF	0.8	6/26	5.15	Last field visit was on 7/24. Field is getting dry; irrigation was triggered that evening. During field visit, no harmful insects were seen, but some beneficial insects were noted. Cotton had good color, and squares are still shedding.
Desha	Shop (No-till / Cover)	4/30	DP 1646 B2XF	4.3	6/26	5.45	Last field visit was on 7/24. Field had good moisture at time of field visit. Out of all insect checks conducted on this side of the field, 1 boll worm was seen, along with some beneficial insects. Cotton had good color, and squares are still shedding.

County	Field Name (Tillage Practice/ Cover Crop)	Date Planted	Variety	% Square Shed	Estimated Date of First Flower	NAWF	General Information
Desha	Homeplace (Farmer Standard / No Cover)	4/30	DP 1646 B2XF	4.2	6/24	4.15	Last field visit was on 7/24. Field is beginning to get dry; if a rain is not received in a couple of days irrigation will be triggered. An average of .50 plant bug nymphs and plant bugs were seen per check; some beneficial insects were also present. Cotton had good color.
Desha	Wellcot (Farmer Standard / No Cover)	5/2	DP 1646 B2XF	9.8	6/23	5.50	Last field visit was on 7/24. Field is beginning to get dry; if a rain is not received in a couple of days, irrigation will be triggered. An average of .50 plant bug nymphs were seen per check; some beneficial insects were also present. Cotton had good color.
St. Francis	Conder's (Farmer Standard / No Cover)	5/5	DP 1725 B2XF	13.4	6/27	2.47	Last field visit was on 7/26. Field is getting dry; if a rain is not received irrigation will soon be triggered. An average of 1 plant bug nymph and some beneficial insects were spotted in each check. Cotton had good color.
St. Francis	Conder's (No-till / Cover)	5/6	DP 1725 B2XF	0.0	7/3	4.93	Last field visit was on 7/26. Field is getting dry; if a rain is not received irrigation will soon be triggered. An average of 3.33 plant bug nymphs and .33 boll worms were seen per check. Cotton had good color.
Mississippi	Manila Airport (Farmer Standard / Cover)	5/15	DP 1518 B2XF	0.0	7/4	6.27	Last field visit was on 7/25. Field was being irrigated during time of field visit. No harmful insects were seen during insect checks, only beneficials. Cotton had good color.
Mississippi	Manila Airport (No-till / Cover)	5/15	DP 1518 B2XF	1.7	7/4	5.43	Last field visit was on 7/25. Field was being irrigated during time of field visit. No harmful insects were seen during insect checks, only beneficials. Cotton had good color.

Heat Unit Accumulation Beyond Cutout - July 28, 2018

(Cutout = Date of NAWF=5 or latest possible cutout date, whichever is first)

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Date of Cutout	A-State Weather weather.astate.edu			AccuWeather www.accuweather.com			
	Mississippi Co. Manila Airport	Craighead Co. ASU Campus	Poinsett Co. Judd Hill	Clay Co. Corning	Crittenden Co. West Memphis	Lee Co. Marianna	Desha Co. McGehee
7/1/2018	607	616	617	613	638	578	640
7/2/2018	582	592	593	588	613	555	614
7/3/2018	560	567	569	564	589	532	588
7/4/2018	536	544	545	539	565	511	565
7/5/2018	511	519	521	513	539	487	542
7/6/2018	486	495	496	485	514	464	518
7/7/2018	466	473	474	461	490	442	493
7/8/2018	447	454	456	443	468	422	473
7/9/2018	427	434	436	425	446	403	452
7/10/2018	405	412	415	403	423	382	432
7/11/2018	381	389	391	379	400	361	411
7/12/2018	353	365	364	354	374	338	388
7/13/2018	329	339	340	330	349	315	363
7/14/2018	303	315	313	305	323	291	338
7/15/2018	275	287	286	277	296	267	312
7/16/2018	250	262	259	254	268	243	284
7/17/2018	226	239	235	231	242	219	259
7/18/2018	203	215	212	209	216	197	235
7/19/2018	181	194	189	186	193	176	213
7/20/2018	158	171	167	164	169	153	186
7/21/2018	133	146	141	139	144	130	159
7/22/2018	110	120	117	116	120	108	133
7/23/2018	92	99	97	96	100	88	107
7/24/2018	76	80	80	78	83	73	87
7/25/2018	59	62	62	60	64	57	66
7/26/2018	40	40	41	38	42	38	45
7/27/2018	20	20	19	18	20	18	22